

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S6	298	S3 same S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 18:20
S4	2977	((head transducer element sensor) near5 wear) same (loss noise disturbance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 18:21
S9	90	S7 same S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 18:26
S8	43783	(adjust\$4 reduc\$4 increas\$4 control controlling compensat\$4) near5 ((fly\$3 flight head transducer) near (height altitude gap (distance)) altitude fly-height flying-height flight-height spac\$4) near5 (head transducer element sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 18:29
S11	1	("6317210").PN.	USPAT	OR	OFF	2007/08/13 18:40
S15	2	"20030050826"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 18:41
S12	6	"20030007279"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 18:42
S16	110066	"360"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 18:48
S10	226	(adjust\$4 reduc\$4 increas\$4 control controlling compensat\$4) near5 ((fly\$3 flight head transducer) near (height altitude gap (distance)) altitude fly-height flying-height flight-height spac\$4) near5 (head transducer element sensor) near5 wear\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 18:48

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S17	60	S10 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 19:05
S3	537914	((fly\$3 flight head transducer) near (height altitude gap (distance)) altitude fly-height flying-height flight-height spac\$4) near5 (head transducer element sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 19:06
S18	3626	("spacing loss" "magnetic spacing" "magnetic separation") same ((fly\$3 flight head transducer) near (height altitude gap (distance)) altitude fly-height flying-height flight-height spac\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 09:55
S23	121	S21 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:03
S22	110093	"360"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:03
S21	198	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:04
S25	43	S19 and S20 and tape and (noise disturbance dropout drop-out)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:06
S24	108	S19 and S20 and tape	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:06

## EAST Search History

S7	3080	((head transducer element sensor) near5 wear) same (loss noise disturbance dropout drop-out)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:06
S27	10	S19 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:24
S19	413	("spacing loss" "magnetic spacing" "magnetic separation") same (wear\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:29
S28	2	("spacing loss" "magnetic spacing" "magnetic separation") same S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:36
S26	1681	((determin\$5 calculat\$4 find\$4 judg\$4 decid\$4 monitor\$4) near5 (head sensor element transducer) near5 (wear\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:36
S32	37	S31 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:40
S30	1708	S20 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:40
S29	20577	((determin\$5 calculat\$4 find\$4 judg\$4 decid\$4 monitor\$4) near5 (wear\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:40

## EAST Search History

S20	538088	((fly\$3 flight head transducer) near (height altitude gap (distance)) altitude fly-height flying-height flight-height spac\$4) near5 (head transducer element sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:42
S33	132	((fly\$3 flight head transducer) near (height altitude gap (distance)) altitude fly-height flying-height flight-height spac\$4) near5 (head transducer element sensor) same S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 10:43
S31	349	((determin\$5 calculat\$4 find\$4 judg\$4 decid\$4 monitor\$4) near5 (wear\$4)) same (noise disturbance dropout drop-out)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 11:42
S35	41	S20 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 11:43
S34	199	((measur\$4) near5 (wear\$4)) same (noise disturbance dropout drop-out)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 11:43
S36	2	"US 20050152055"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/08/31 12:33
S43	2	"US 20060066975"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/09/11 15:33
S45	668636	(read\$4 reproduc\$4) near5 (head element sensor circuit channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 10:01
S44	3489	(spectr\$4 near3 noise near4 power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 10:01

## EAST Search History

S46	18	S44 same S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/13 10:02
L1	2	"7173783".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 11:30
L2	20	(head near5 spacing) near5 magnetic\$4 and pzt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 11:31
L3	99	("4605977").URPN.	USPAT	OR	ON	2007/12/18 11:40
L5	30	("5153785").URPN.	USPAT	OR	ON	2007/12/18 11:41
L4	1	"5153785".pn.	USPAT	OR	ON	2007/12/18 11:41